



SEP. 9. 2004 2:20PM

AVENTIS US PAT DEPT

NO. 7451

P. 7

UNITED STATES OF AMERICA

DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s). I/We verily believe I am/We are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMINOACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEINASES

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2003/0001 US NP) ☒ was filed on **January 5, 2004** as U.S. Application Number **10/751,600** and was amended on (if applicable). ☐ was described and claimed in PCT Int'l Application Number filed on and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above. I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: 10300015.1 GERMANY 03/JANUARY/2003
Number Country Day/Month/Year Filed

Prior Foreign Appin(s): Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below:

60/472,572 May 22, 2003
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: SCHUDOK, Manfred
Signature: Manfred Schudok
Date: 29.07.2004
Country of Citizenship: GERMANY
Residence: Eppstein/Ts, GERMANY
(City and State/City and Country only)
P. O. Address: Eberlestrasse 28
65817 Eppstein/Ts, GERMANY

2. Full name: RUE, Sven
Signature: _____
Date: _____
Country of Citizenship: GERMANY
Residence: Floersheim, GERMANY
(City and State/City and Country only)
P. O. Address: Parkstrasse 9
65439 Floersheim, GERMANY

3. Full name: MATTER, Hans

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Langenselbold, GERMANY
(City and State/City and Country only)P. O. Address: Feldberggring 37
63505 Langenselbold, GERMANY4. Full name: WEHNER, VolkmarSignature: *V. Wehner*Date: 29/07/2004Country of Citizenship: GERMANYResidence: Sandberg, GERMANY
(City and State/City and Country only)P. O. Address: Lindenstrasse 1
97657 Sandberg, GERMANY5. Full name: KIRSCH, Reinhard

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Braunschweig, GERMANY
(City and State/City and Country only)P. O. Address: Steintorwall 17
38100 Braunschweig, GERMANY6. Full name: STAHL, Petra

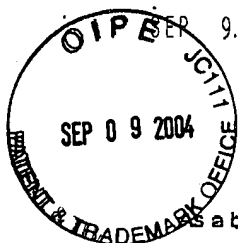
Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Frankfurt, GERMANY
(City and State/City and Country only)P. O. Address: Pestalozzistrasse 16
60385 Frankfurt, GERMANY

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206
P.O. Box 6800
Mail Code D-303A
Bridgewater, NJ 08807-0800
Telephone (908) 231-5674
Telefax (908) 231-2626

Aventis Docket No. DBAV2003/0001 US NP



SEP 9. 2004 2:21PM

AVENTIS US PAT DEPT

NO. 7451 P. 9

UNITED STATES OF AMERICA

**DECLARATION
FOR PATENT APPLICATION**

I, a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed
and for which a patent is sought on the invention entitled:

IMINOACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEINASES

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2003/0001 US NP)
(check one) ☒ was filed on **January 5, 2004** as U.S. Application Number **10/751,600**
and was amended on (if applicable).
☐ was described and claimed in PCT Int'l Application Number (if any) filed on
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,
including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to
be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at
least one other country other than the United States of America, listed below and having a filing date before that of
the application on which priority is claimed. I/We have also identified below any foreign application for patent or
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: 10300015.1 GERMANY 03/JANUARY/2003
Number Country Day/Month/Year Filed

Prior Foreign Appln(s): Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

60/472,572 May 22, 2003
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States
application(s) or international application designating the United States listed below and, insofar as the subject
matter of each of the claims of this application is not disclosed in the prior United States application in the manner
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which
became available between the filing date of the prior application and the national or PCT international filing date of
this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: SCHUDOK, Manfred

Signature: _____

Date: _____

Country of Citizenship: GERMANY

Residence: Eppstein/Ts, GERMANY
(City and State/City and Country only)

P. O. Address: Eberlestrasse 28
65817 Eppstein/Ts, GERMANY

2. Full name: RUF, Sven

Signature: Sven Ruf

Date: 29.7.2004

Country of Citizenship: GERMANY

Residence: Floersheim, GERMANY
(City and State/City and Country only)

P. O. Address: Parkstrasse 9
65439 Floersheim, GERMANY

3. Full name: MATTER, Hans

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Langenselbold, GERMANY
(City and State/City and Country only)P. O. Address: Feldberggring 37
63505 Langenselbold, GERMANY4. Full name: WEHNER, Volkmär

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Sandberg, GERMANY
(City and State/City and Country only)P. O. Address: Lindenstrasse 1
97657 Sandberg, GERMANY5. Full name: KIRSCH, ReinhardSignature: Dr. Reinhard KirschDate: 11 - AUGUST - 2007Country of Citizenship: GERMANYResidence: Braunschweig, GERMANY
(City and State/City and Country only)P. O. Address: Steintorwall 17
38100 Braunschweig, GERMANY6. Full name: STAHL, Petra

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Frankfurt, GERMANY
(City and State/City and Country only)P. O. Address: Pestalozzistrasse 16
60385 Frankfurt, GERMANY

Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206
P.O. Box 6800
Mail Code D-303A
Bridgewater, NJ 08807-0800
Telephone (908) 231-5674
Telefax (908) 231-2626

Aventis Docket No. DEAV2003/0001 US NP



9. 2004 2:22PM

AVENTIS US PAT DEPT

NO. 7451 P. 11

UNITED STATES OF AMERICA

**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed
and for which a patent is sought on the invention entitled:

IMINOACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEINASES

and the specification of which (check one)

☐ is attached hereto (Aventis Docket No. DEAV2003/0001 US NP)

☒ was filed on **January 5, 2004** as U.S. Application Number **10/751,600**
and was amended on (if applicable).

☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,
including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to
be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at
least one other country other than the United States of America, listed below and having a filing date before that of
the application on which priority is claimed. I/We have also identified below any foreign application for patent or
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: 10300015.1 GERMANY 03/JANUARY/2003
Number Country Day/Month/Year Filed

Prior Foreign Appn(s): Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

60/472,572 May 22, 2003
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States
application(s) or International application designating the United States listed below and, insofar as the subject
matter of each of the claims of this application is not disclosed in the prior United States application in the manner
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which
became available between the filing date of the prior application and the national or PCT international filing date of
this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: SCHUDOK, Manfred

Signature: _____

Date: _____

Country of Citizenship: GERMANY

Residence: Eppstein/Ts. GERMANY
(City and State/City and Country only)

P. O. Address: Eberlestrasse 28
65817 Eppstein/Ts. GERMANY

2. Full name: RUF, Sven

Signature:

Date: 29.7.2004

Country of Citizenship: GERMANY

Residence: Floersheim, GERMANY
(City and State/City and Country only)

P. O. Address: Parkstrasse 9
65439 Floersheim, GERMANY

3. Full name: MATTER, Hans

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Langenselbold, GERMANY

(City and State/City and Country only)

P. O. Address: Feldberggring 3763505 Langenselbold, GERMANY4. Full name: WEHNER, Volkmar

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Sandberg, GERMANY

(City and State/City and Country only)

P. O. Address: Lindenstrasse 197657 Sandberg, GERMANY5. Full name: KIRSCH, Reinhard

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Braunschweig, GERMANY

(City and State/City and Country only)

P. O. Address: Steintorwall 1738100 Braunschweig, GERMANY6. Full name: STAHL, PetraSignature: Petra StahlDate: 02.08.2004Country of Citizenship: GERMANYResidence: Frankfurt, GERMANY

(City and State/City and Country only)

P. O. Address: Pestalozzistrasse 1660385 Frankfurt, GERMANY

Aventis Pharmaceuticals Inc.

Patent Department

Route #202-206

P.O. Box 6800

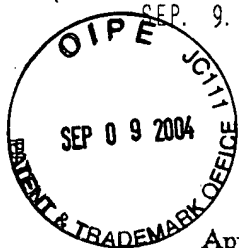
Mail Code D-303A

Bridgewater, NJ 08807-0800

Telephone (908) 231-5674

Telefax (908) 231-2626

Aventis Docket No. DEAV2003/0001 US NP



SEP. 9. 2004 2:19PM

AVENTIS US PAT DEPT

NO. 7451 P. 4

Aventis Docket No. DEAV2003/0001 US NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: SCHUDOK, et al.

Examiner:

Serial No.: 10/751,600

Group Art Unit:

Filed: January 5, 2004

Title: IMINOACID DERIVATIVES AS INHIBITORS
OF MATRIX METALLOPROTEINASES

POWER OF ATTORNEY FOR PATENT APPLICATION

Mail Stop
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

We, Dr. Fleischmann and Dr. Fischer,
Authorized Signatories of Aventis Pharma Deutschland GmbH, Assignee of the above-identified
Application, hereby appoint the attorneys and/or agents associated with the Customer No.(s) provided
below as attorneys and/or agents with full power to prosecute this application on behalf of Assignee
and to transact all of Assignee's business in connection with the above-identified Application in the
Patent and Trademark Office:

Customer No.: 005487

Effective Date: January 5, 2004

By: ppa. Fleischmann

By: Dr. Fischer

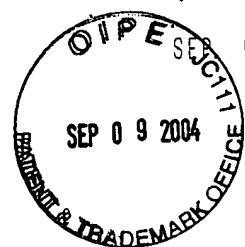
Title: Prokurist

Title: Handlungsbevollmächtigter

Date: 21.8.04

Date: 21.8.04

Address correspondence and telephone calls to:
Raymond S. Parker, III, Ph.D., Reg. No. 34,893
Aventis Pharmaceuticals Inc.
Patent Department
Route #202-206 / P.O. Box 6800
Bridgewater, New Jersey 08807-0800
Telephone (908) 231-5674
Telefax (908) 231-2626



SEP 9. 2004 2:20PM

AVENTIS US PAT DEPT

NO. 7451 P. 5

UNITED STATES OF AMERICA

**DECLARATION
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed
and for which a patent is sought on the invention entitled:

IMINOACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEINASES

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2003/0001 US NP)
(check one) ☒ was filed on January 5, 2004 as U.S. Application Number 10/751,600
and was amended on _____ (if applicable).
☐ was described and claimed in PCT Int'l Application Number _____ filed on _____
and as amended under PCT Article 19 on _____ (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above identified specification,
including the claims as amended by any amendment referred to above.
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to
be material to patentability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign
application(s) for patent or inventor's certificate, or 366(a) of any PCT international application which designated at
least one other country other than the United States of America, listed below and having a filing date before that of
the application on which priority is claimed. I/We have also identified below any foreign application for patent or
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: 10300015.1 GERMANY 03/JANUARY/2003
Number Country Day/Month/Year Filed

Prior Foreign Appln(s): _____
Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional
application(s) listed below:

60/472,572 May 22, 2003
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States
application(s) or international application designating the United States listed below and, insofar as the subject
matter of each of the claims of this application is not disclosed in the prior United States application in the manner
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which
became available between the filing date of the prior application and the national or PCT international filing date of
this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: SCHUDOK, Manfred

Signature: _____

Date: _____

Country of Citizenship: GERMANY

Residence: Eppstein/Ts, GERMANY
(City and State/City and Country only)

P. O. Address: Eberlestrasse 28
65817 Eppstein/Ts, GERMANY

2. Full name: RUF, Sven

Signature: *Sven Ruf*

Date: 29.7.2004

Country of Citizenship: GERMANY

Residence: Floersheim, GERMANY
(City and State/City and Country only)

P. O. Address: Parkstrasse 9
65439 Floersheim, GERMANY

3. Full name: MATTER, HansSignature: Hans MatterDate: 16.8.2004Country of Citizenship: GERMANYResidence: Langenselbold, GERMANY

(City and State/City and Country only)

P. O. Address: Feldberggring 3763505 Langenselbold, GERMANY4. Full name: WEHNER, Volkmar

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Sandberg, GERMANY

(City and State/City and Country only)

P. O. Address: Lindenstrasse 197657 Sandberg, GERMANY5. Full name: KIRSCH, Reinhard

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Braunschweig, GERMANY

(City and State/City and Country only)

P. O. Address: Steintorwall 1738100 Braunschweig, GERMANY6. Full name: STAHL, Petra

Signature: _____

Date: _____

Country of Citizenship: GERMANYResidence: Frankfurt, GERMANY

(City and State/City and Country only)

P. O. Address: Pestalozzistrasse 1660385 Frankfurt, GERMANY

Aventis Pharmaceuticals Inc.

Patent Department

Route #202-206

P.O. Box 6800

Mail Code D-303A

Bridgewater, NJ 08807-0800

Telephone (908) 231-5674

Telefax (908) 231-2626

Aventis Docket No. DEA V2003/0001 US NP